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ABSTRACT

This bibliography on careers in agriculture was produced by the National Agricultural Library. It contains 218 citations from the AGRICOLA database. The search strategy is included, call numbers are provided for each entry, and abstracts are provided for some citations. The bibliography concludes with an author index and a subject index. (AA)

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Agricultural Research Service

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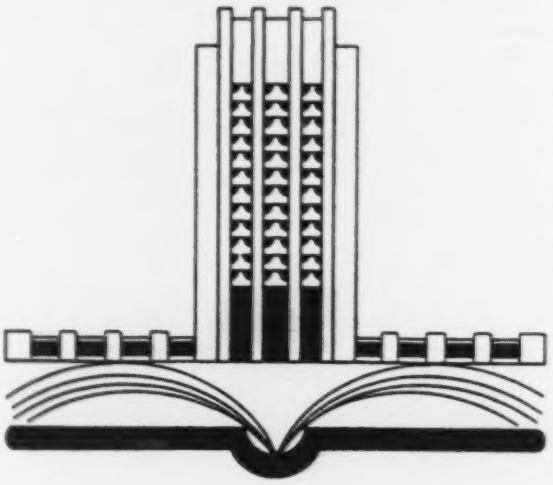
ISSN: 1052-5378

Careers in Agriculture

June 1993 - March 1997

QB 97-05
Quick Bibliography Series



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June 1993 - March 1997

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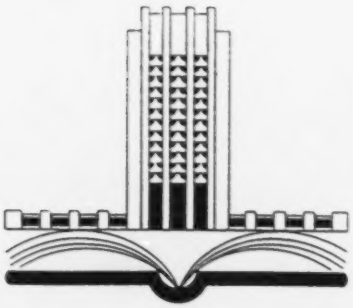
Susan Chapman
Reference Section
Reference and User Services Branch
National Agricultural Library
Agricultural Research Service
U.S. Department of Agriculture



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Dr. Smith Faculty Ag School
Canadian Journal of Soil Science 1988 v 68(1): 17-27
De Jong, R. Comparison of two soil-water models under semi-arid growing conditions
Ver: AGRICOLA Remarks: Not available at AU or in region.
NAL Call Number: 56.8 C162 Auth: Charles Johnson CCL Maxcost $15.00
Ariel IP = 111.222.333.444.555 or Fax to 123-456-7890

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Citations in this bibliography were
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SAMPLE CITATIONS

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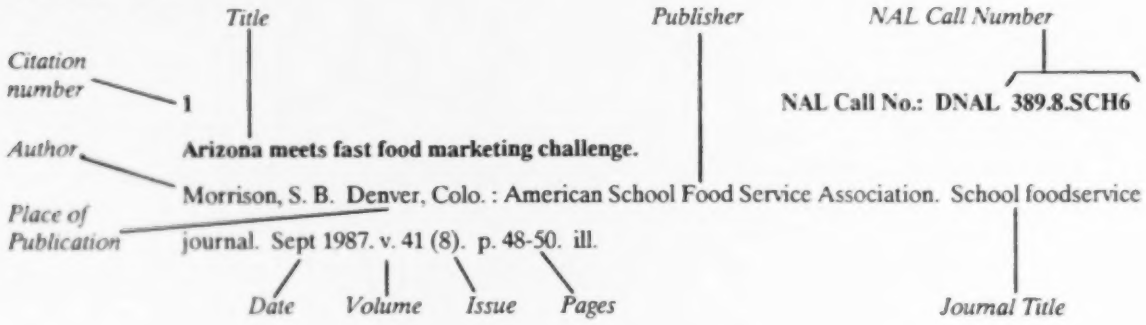
Journal Article:



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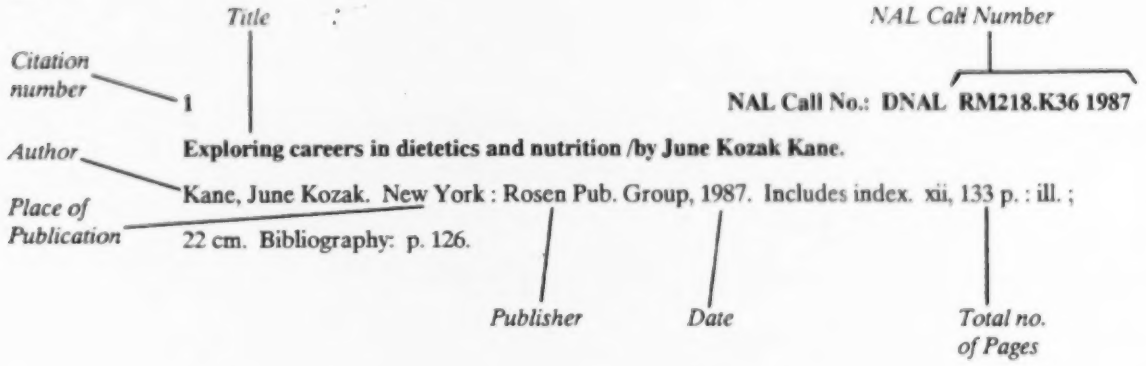
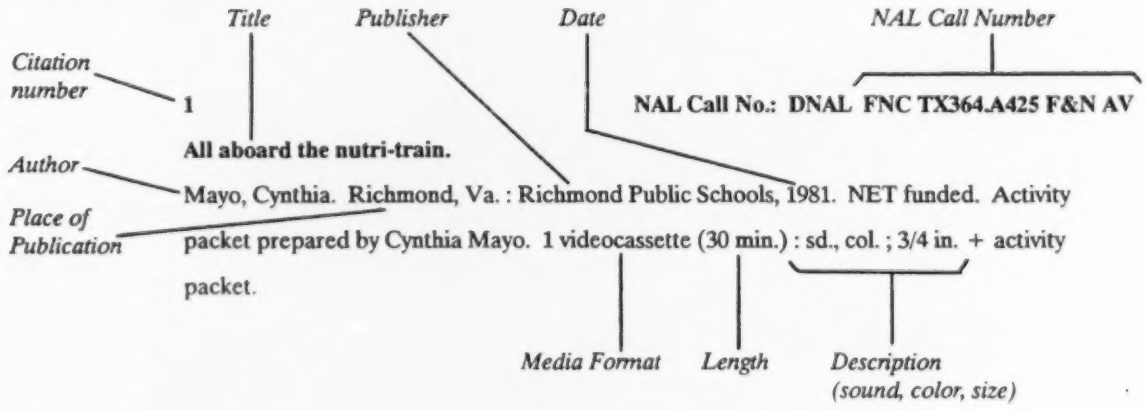

Title
NAL Call Number
Citation number
1
NAL Call No.: DNAL RM218.K36 1987
Author
Exploring careers in dietetics and nutrition /by June Kozak Kane.
Kane, June Kozak. New York : Rosen Pub. Group, 1987. Includes index. xii, 133 p. : ill. ;
Place of Publication
22 cm. Bibliography: p. 126.
Publisher
Date
Total no. of Pages

Audiovisual:



CAREERS IN AGRICULTURE

SEARCH STRATEGY

1. Career* in de,ti,id,st
2. (Occupation* or employment) in de,ti,id,st
3. (Agricult* or agribusiness* or agron* or aquacult* or botan* or biolog* or conservation or environment* or ecolog* or equine or equestrian) in de,ti,id
4. (Farm* or forest* or florist* or floricult* or veterinar* or animal? or horticult* or nurser* or biotechnol* or landscap* or horse? or zoolog* or scien*) in de,ti,id
5. Future farmer? or (opportunities in st) or (vocational guidance) in de,ti,id
6. #3 or #4
7. #6 and #2
8. #1 or #5 or #7
9. #8 and ud>9305
10. (Supervised occupational experience or retirement or welfare service? or (dual with #1)) in de,ti,id
11. (Occupational with (hazard? or disorder?)) or health hazard?) in de,ti,id
12. #10 or #11
13. #9 not #12

1 NAL Call No.: RC965.A5J68
4-H Medical Professions Club: a model to encourage youth in rural areas to consider career opportunities in medicine.
Lovelace, O. F. Jr. *J-agromed* v.1(1): p.111-113. (1994)
Includes references.
Descriptors: medicine; employment; employment-opportunities; 4-h-clubs; youth-programs; rural-areas; models; usa

2 NAL Call No.: HD9005.A63--1994
Achieving diversity : the status and progress of women and African Americans in the agricultural economics profession.
Marchant, M.; Williamson, H. New York : Garland, 1994. xxiv, 218 p. : ill., map, Includes bibliographical references and index.
Descriptors: Women-agricultural-economists-United-States-Congresses; Afro-American-agricultural-economists-United-States-Congresses; Africultural-economists-United-States-Vocational-guidance-Congresses

3 NAL Call No.: aHD1751.A42
Ag & rural employment in the next decade.
Hamrick, K. S. *Agric-outlook* (230): p.2-3. (1996 June)
Descriptors: agriculture; rural-areas; employment; trends; forecasts; usa

4 NAL Call No.: 275.8-Ag8
Agri Tech Prep 2000 offers statewide program for students seeking careers in agriculture.
Hughes, T. *Agric-educ-mag* v.69(1): p.17-19. (1996 July)
Descriptors: agricultural-education; technical-training; vocational-training; educational-programs; secondary-education; postsecondary-education; new-york

5. NAL Call No.: Videocassette--no.2446
Agricultural biotechnology : a world of opportunity.
KKR & Company. Alexandria, Va. : National FFA Organization, c1996. 1 videocassette (13 min., 45 sec.) : sd., col. 1 educator's guide..
"Sponsored by the U.S. Department of Education as a service to state and local educational agencies.".
Descriptors: Agricultural-biotechnology-Vocational-guidance
Abstract: Features the day-to-day activities of five people who work for two major corporations with biotechnology interests: Monsanto Company in St. Louis, MO, and Pioneer Hi-Bred International, Inc. in Des Moines, IA. Each person describes his or her job and shares personal reflections on the challenges and opportunities of working in agricultural biotechnology.

6 NAL Call No.: S494.5.A4A48-1987
Agricultural careers unlimited.
Carlson, S. A.; Gosch, B.; Klopfenstein, B. A.; Agri Education, I. *Stratford, Iowa : Agri-Education, Inc., c1987. 1 computer disk teacher's guide + student study manual.*
Title from title screen. Barb A. Klopfenstein.
Descriptors: Agriculture-Vocational-guidance-Software; Career-education-Software; Ag-in-the-classroom

7 NAL Call No.: 280.8-J822
The agricultural economics profession at the crossroads: survey results of faculty salary, employment, and hiring prospects.
Marchant, M. A.; Zepeda, L. *Am-j-agric-econ* v.77(5): p.1322-1328, 1347-1348. (1995 Dec.)
Paper presented at the annual meeting of the American Agricultural Economics Association, August 6-9, 1995, Indianapolis, Indiana. Discussion by R.L. Thompson, p. 1347-1348.
Descriptors: agricultural-economists; teachers; employment-opportunities; salaries; agricultural-economics; usa; canada

8 NAL Call No.: 275.8-Ag8
Agricultural education in the United States: types of teaching positions by region.
Camp, W. G. *Agric-educ-mag* v.68(6): p.17. (1995 Dec.)
Descriptors: agricultural-education; teaching; employment; demography; teachers; regional-surveys; usa

9 NAL Call No.: 275.8-Ag8
Agricultural educators in non-school settings.
Mannebach, A. J. *Agric-educ-mag* v.65(12): p.4, 22. (1993 June)
Descriptors: teachers; agricultural-education; career-development; teacher-training; usa

10 **NAL Call No.: 281.28-R88**
Agricultural restructuring and the spatial dynamics of U.S. women's employment in the 1970s.
Padavic, I. *Rural-sociol* v.58(2): p.210-232. (1993 Summer)
Includes references.
Descriptors: employed-women; farm-workers; female-labor; spatial-distribution; structural-change; agricultural-sector; usa

Abstract: The spatial rearrangement of women agricultural workers' employment across 380 labor market areas is examined during the period of agricultural transformation in the 1970s. Labor market maps of women's employment changes show regional declines and increases in accord with the dynamics of agricultural industrialization. Case studies selected from the maps demonstrate the gender-specific and locality-specific ramifications of these transformations.

11 **NAL Call No.: S494.5.A4A49-1989**
Agricultural skills unlimited : sales and service.
Carson, M.; Johnston, C.; Agri Education, I.
Stratford, Iowa : Agri-Education, Inc., c1989. 1 computer disk teacher's guide + student study manual.
Title from title screen. Carlson.
Descriptors: Agriculture-Vocational-guidance-Software; Sales-personnel-Software; Career-education-Software

12 **NAL Call No.: S463.A38--1996**
Agriculture.
Julliot, C.; Costecalde, N. Paris : Documentation francaise, 1996. 104 p. : ill., Includes bibliographical references (p. [93]-94).
Descriptors: Agriculture-France; Agriculture-Vocational-guidance-France

13 **NAL Call No.: S451.O7A37--1995**
Agriculture : Oregon's leading industry : a closer look at production, processing, technology, trade, employment, environment. Oregon's leading industry.
Oregon. State Dept. of Agriculture. Salem, OR : Oregon Dept. of Agriculture, [1995?] 23 p. : col. ill., maps, Title from cover.
Descriptors: Agriculture-Oregon; Food-industry-and-trade-Oregon

14. **NAL Call No.: Videocassette--no.1844**
Agriculture's new professionals.
Raimondi Films. [S.l.] : National FFA Organization, [1989] 1 videocassette (15 min., 30 sec.) : sd., col.. "Sponsored by John Deere as a special project of the National FFA Foundation.".
Descriptors: Agriculture-Vocational-guidance

Abstract: Describes a variety of professions in agriculture-related fields that individuals may wish to pursue. They include farmer, scientist, agricultural engineer, sales and service, environmentalist, legislative assistant, and marketer.

15 **NAL Call No.: HD1775.O5C87**
Analyzing the decision to farm.
Perry, J. E. *Curr-Farm-Econ-Agric-Exp-Stn-Div-Agric-Okla-State-Univ* v.65(4): p.29-37. (1992 Dec.)
Includes references.
Descriptors: farm-entrants; decision-analysis; probabilistic-models; probit-analysis; occupations; usa; qualitative-response-models

16 **NAL Call No.: 275.9-N213**
An animal science industry travel course.
Russell, M. A.; Lemenager, R. P.; Sutton, A. L. *NACTA-j* v.40(1): p.39-43. (1996 Mar.)
Includes references.
Descriptors: meat-and-livestock-industry; college-curriculum; travel; agribusiness; agroindustrial-relations; learning-experiences; career-development; agricultural-education; usa

17 **NAL Call No.: S590.S62-no.43**
Applying soil science skills in the remediation business.
Cunningham, S. D.; Mather, M. S. *Bioremediation science and applications /. Madison, Wis. : Soil Science Society of Amcrica : American Society of Agronomy : Crop Science of America, 1995.. p. 273-291.*
Includes references.
Descriptors: bioremediation; industry; soil-science; scientists; employment-opportunities

18 **NAL Call No.: 1-F766Fi**
Are you ready for a project fire.
Reilly, T. *Fire-Manage-Notes. Washington, U.S. Dept. of Agriculture Forest Service. 1995. v. 55 (4) p. 16-17.*

Descriptors: fire-fighting; occupations; career-development

19 **NAL Call No.: QL461.A52**
The art of questioning: helping clients solve entomological problems.
Mock, D. E. *Am-entomol* v.40(1): p.13-15. (1994 Spring)
Includes references.
Descriptors: entomology; cooperative-extension-service; extension-agents; careers; usa

20 **NAL Call No.: 275.9-N213**
Assessing college of agriculture freshmen.
Donnermeyer, J. F.; Kreps, G. M. *NACTA-j* v.38(1): p.45-48. (1994 Mar.)
Includes references.
Descriptors: agricultural-colleges; college-students; career-choice; decision-making; assessment; surveys; recruitment; marketing

21 **NAL Call No.: S530.A4**
Beliefs and intentions of counselors, parents, and students regarding agriculture as a career choice.
Thompson, J. C. Jr. *J-agric-educ* v.34(4): p.55-63. (1993 Winter)
Includes references.
Descriptors: agricultural-education; educational-programs; career-choice

22 **NAL Call No.: 1-Ag84y**
Bessie Beuchert: Discovering herself among people and peonies.
Regelbrugge, C. S. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 98-99.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: ornamental-plants; retail-marketing; employment; nurseries; career-choice; virginia

23 **NAL Call No.: 1-Ag84y**
Bill Brandvik: North Dakota State Entomologist.
Delp, E. C. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 176-178.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agricultural-entomology; careers; pest-control; north-dakota

24. **NAL Call No.: Videocassette--no.1773**
Biotechnology : careers for the 21st century.
Pfizer Inc. Central Research Division. Reston, Va. : Distributed by National Association of Biology Teachers, c1992. 1 videocassette (14 min.) : sd., col. with b&w sequences.
Descriptors: Biotechnology-Vocational-guidance

25. **NAL Call No.: Videocassette--no.1871**
Biotechnology : the choice for your future.
Biotechnology Industry Organization. Washington, D.C. : The Organization, [1992?] 1 videocassette (9 min., 18 sec.) : sd., col. 1 resource guide + 1 brochure..
Descriptors: Biotechnology-Vocational-guidance

Abstract: Describes various career opportunities available in the field of biotechnology.

26 **NAL Call No.: 1.98-Ag84**
Bobby Valdez: summer job turns on science interest.
Cooke, L. *Agric-res* v.44(9): p.10. (1996 Sept.)
Descriptors: agricultural-research; usda; federal-programs; apprenticeship; high-school-students; summer-programs; work-experience-programs; career-development

27 **NAL Call No.: 49-J82**
Breaking through the glass ceiling: an industrial perspective.
Harlander, S. K. *J-anim-sci* v.74(11): p.2849-2854. (1996 Nov.)
Presented at a symposium titled "Trails to Success for Women in Animal and Dairy Sciences: Mentoring as a Stimulus for Success" at the Joint ADSA-ASAS Annu. Mtg., Minneapolis, MN.
Descriptors: women; scientists; management-philosophies; dairy-industry; work-stress; meat-and-livestock-industry; labor-force; employment-opportunities

Abstract: Many companies have recognized that the workforce of the future will be significantly more diverse than in the past. A substantial number of these new employees will be women. Industry must create an environment that attracts the best, brightest, and most talented women and provide an environment that empowers them to reach their full potential. Barriers to advancement, such as the real or perceived "glass ceiling," inhibit the individual and

ultimately negatively affect the company. Successful companies will recognize that gender diversity is a critical business strategy and implement aggressive programs to assist women in breaking through the glass ceiling. Gender diversity initiatives should include examination of quality of life issues, training and development, organizational policies and practices, and management accountability. Mentoring programs clearly play an important role in gender diversity programs. Personal mentoring experiences in academic and corporate environments, as well as a pilot mentoring program at Land O'Lakes, will be discussed.

28 **NAL Call No.: 100-C12CAG**
California farmers still rely on new immigrants for field labor.
Taylor, J. E.; Thilmany, D. *Calif-Agric* v.46(5): p.4-6. (1992 Sept.-1992 Oct.)
Descriptors: farm-workers; immigration; migrant-labor; seasonal-labor; legislation; labor-turnover; employer-employee-relationships; employment-opportunities; labor-market; california

29 **NAL Call No.: HB1.A2N3--no.5188**
Career and family : college women look to the past.
Goldin, C. D.; National Bureau of Economic Research. Cambridge, MA : National Bureau of Economic Research, c1995. 34, [17] p. : ill., "July 1995."
Descriptors: Women-college-graduates-Employment-United-States-Econometric-models; Vocational-guidance-for-women-United-States-Econometric- models; Women-United-States-Family-relationships-Econometric-models; Career-development-United-States; Work-and-family-United-States

30 **NAL Call No.: SB435.5.A645**
Career growth: will you be a successful expert witness.
Mullane, G. *Arbor-age. Cathedral City, Calif. : Adams/Green Industry Publishing. Mar 1996. v. 16 (3) 22, 24, 26-27.*
Descriptors: arboriculture; experts; courts; professional-associations; usa

31 **NAL Call No.: TX911.3.V62S56--1994**
Career opportunities in the food and beverage industry.
Sims Bell, B. New York, N.Y. : Facts on File, c1994. xiii, 240 p., Includes bibliographical references (p. 227) and index.
Descriptors: Food-service-Vocational-guidance-United-States

32 **NAL Call No.: HF5382.5.U6M83--1989**
Career options for rural Missouri families : summary report as of March 31, 1989.
University of Missouri Columbia. Extension Division. [Columbia, Mo.?] : University Extension, University of Missouri, [1989?] 1 v. (loose-leaf) : ill., "A cooperative project of University Extension and the Career Planning & Placement Center, University of Missouri--Columbia."
Descriptors: Vocational-guidance-Missouri

33 **NAL Call No.: 41.8-R3224**
Career options for veterinary graduates in the year 2000: an Ontario perspective.
Sanderson, T. A. *Can-Vet-J* v.33(11): p.701-702. (1992 Nov.)
Includes references.
Descriptors: veterinary-profession; employment-opportunities; ontario

34 **NAL Call No.: 41.8-R3224**
Career options for veterinary students graduating in the year 200 AD: an Atlantic provinces perspective.
Heider, L. E. *Can-Vet-J* v.33(12): p.783-785. (1992 Dec.)
Includes references.
Descriptors: veterinary-profession; employment-opportunities; canada

35 **NAL Call No.: 41.8-R3224**
Career options for veterinary students graduating in the year 2000 AD: a view from Quebec.
Lariviere, S. *Can-vet-j* v.33(10): p.643-644. (1992 Oct.)
Descriptors: veterinary-profession; careers; quebec

36 **NAL Call No.: aGT6110.U56--1989**
Careers : careers in the Food Safety and Inspection Service. Careers in the Food Safety and Inspection Service.
United States. Food Safety and Inspection Service. [Minneapolis, MN] : U.S. Dept. of Agriculture, Food Safety and Inspection Service, [1989] 16 p. : ill., map, Cover title.

Descriptors: Food-adulteration-and-inspection-Vocational-guidance-United-States; Food-engineers-United-States

37 **NAL Call No.: S945.M55--1992**
Careers for nature lovers & other outdoor types.
Careers for nature lovers and other outdoor types.
Miller, L. 1. Lincolnwood, Ill. : VGM Career Horizons, c1992. x, 123 p., *Descriptors:* Conservation-of-natural-resources-Vocational-guidance; Environmental-protection-Vocational-guidance; Biology-Vocational-guidance

38 **NAL Call No.: aZ5071.N3**
Careers in agriculture--January 1989-May 1993.
Chapman, S. *Quick-Bibliogr-Ser-U-S-Dep-Agric-Natl-Agric-Libr-U-S. Beltsville, Md. : The Library. June 1993. (93-46) 57 p.*
Updates QB 91-08.
Descriptors: agriculture; careers; employment-opportunities; agricultural-education; bibliographies

39. **NAL Call No.: Videocassette-no.1531**
Careers in aquaculture.
Alexandria Technical College. Alexandria, Minn. : Alexandria Technical College, [1993?] 1 videocassette (29 min.) : sd., col. 1 guide..
Descriptors: Aquaculture-Vocational-guidance

Abstract: Interviews with leaders and educators in the industry provide an overview of aquaculture and the needed preparation, skills and current opportunities for the field.

40 **NAL Call No.: S544.N6**
Careers in biotechnology.
Webber, G. D. *North-Cent-reg-ext-publ. East Lansing, Mich. : Cooperative Extension Service. Mar 1994. (483) 6 p.*
In the subseries: Biotechnology Information Series.
Descriptors: biotechnology; career-choice; careers; career-education

41. **NAL Call No.: Slide--no.508**
Careers in fertilizer sales.
Vocational Education Productions. San Luis Obispo, CA : Vocational Education Productions, c1986. 79 slides : col. + 1 sound cassette..
Descriptors: Fertilizer-industry-Vocational-guidance

Abstract: This slide set explains the variety of jobs in the fertilizer sales industry.

42. **NAL Call No.: Videocassette--no.2432**
Careers in Florida's freshwater environments.
University of Florida. Center for Aquatic Plants. Gainesville, Fla. : University of Florida, Institute of Food and Agricultural Sciences, Center for Aquatic Plants, c1995. 1 videocassette (26 min.) : sd., col. 1 booklet (15 p. ; 19 cm.)..
"Especially for 7th and 8th graders"--Container.
Descriptors: Vocational-guidance-Florida/ Wetland-ecology-Vocational-guidance/ Botany-Vocational-guidance/ Biology-Vocational-guidance/ Chemistry-Vocational-guidance/ Water-reuse-Vocational-guidance

Abstract: This film introduces students to the many occupations needed to protect and preserve our lakes, rivers, and wetlands. Thousands of people work to protect fresh water and marshes for plants, animals, and humans, including botanists, entomologists, toxicologists, chemists, wildlife biologists, restoration workers, aquatic plant managers and wastewater engineers. Students will see these specialists working in the laboratory and wading through the Everglades, encountering manatees and alligators as well as a wide variety of marsh life.

43 **NAL Call No.: 80-Ac82**
Careers in horticulture video--the process.
Perry, L. P.; Stack, L. B.; Paparozzi, E. T. *Acta-hortic* (350): p.53-57. (1993 Nov.)
Paper presented at the "First International Symposium on Education and Training in Horticulture," July 13-17, 1992, Auchincruive, United Kingdom.
Descriptors: horticulture; videotapes; career-education

44 **NAL Call No.: 99.8-F768**
Careers in natural resources: new directions in an evolving science.
Baird, L. *J-for* v.92(3): p.28-29, 31-32. (1994 Mar.)
Descriptors: forestry; careers; career-choice

45 **NAL Call No.: SB732.5.C37--1984**
Careers in plant pathology.
American Phytopathological Society. St. Paul, MN, USA : American Phytopathological Society, c1984?. 7 p. : col. ill., Cover title.

Descriptors: Plant-pathologists; Plant-diseases-Research-Vocational-guidance

46. **NAL Call No.: Videocassette--no.1751**
Careers in the Forest Service.
United States. Forest Service. Pacific Northwest Region. Portland, OR : The Region, 1991. 1 videocassette (10 min., 20 sec.) : sd., col. 4 booklets..
Descriptors: United-States-Forest-Service-Officials-and-employees-Recruiting/ United-States-Forest-Service-Job-descriptions/ Forests-and-forestry-Vocational-guidance-United-States

Abstract: An overview of 25 different Forest Service careers.

47. **NAL Call No.: Videocassette--no.1772**
Careers in veterinary medicine.
North Carolina State University. School of Veterinary Medicine. Research Triangle Park, NC : N.C. State University, School of Veterinary Medicine : Insight Productions, Inc. [distributor], [1985?] 1 videocassette (17 min.) : sd., col..
Descriptors: Veterinary-medicine-Vocational-guidance

Abstract: Discusses various opportunities in the field of veterinary medicine.

48. **NAL Call No.: Videocassette--no.1771**
Careers in veterinary medicine : a rainbow of choices.
North Carolina State University. College of Veterinary Medicine. Raleigh, N.C. : North Carolina State University, College of Veterinary Medicine, c1992. 1 videocassette (20 min.) : sd., col..
Descriptors: Veterinary-medicine-Vocational-guidance

Abstract: Discusses various opportunities in the field of veterinary medicine.

49 **NAL Call No.: aS494.5.A4C35--1990**
Careers USDA : making a world of difference.
United States. Dept. of Agriculture. [Washington, D.C.?] : U.S. Dept. of Agriculture, [1990?] 1 portfolio : col. ill., Cover title.
Descriptors: United-States-Dept; -of-Agriculture; Agriculture-Vocational-guidance-United-States

50 **NAL Call No.: QL85.S63**
The caring sleuth: portrait of an animal rights activist.
Shapiro, K. *Soc-anim* v.2(2): p.145-165. (1994 Summer)
Includes references.
Descriptors: occupations; animal-welfare; personal-development; psychological-factors

51 **NAL Call No.: aHT392.A53-no.85**
Changes in farm and farm-related employment, 1975-89.
Majchrowicz, T. A.; Salsgiver, J.; United States. Dept. of Agriculture. Economic Research Service. Washington, DC : U.S. Dept. of Agriculture, Economic Research Service, [1993] 30 p. : ill., map, Caption title.
Descriptors: Agricultural-laborers-United-States-Statistics; Agricultural-industries-United-States-Statistics; Farm-management-United-States-Statistics; Agriculture-Economic-aspects-United-States-Statistics; Employment-Economic-theory

52 **NAL Call No.: 41.8-Am3**
Changes in the number and geographic distribution of US veterinarians employed by public or corporate organizations, 1980-1990 and 1990-1995.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.209(8): p.1404-1405. (1996 Oct.)
Includes references.
Descriptors: veterinarians; employment; geographical-distribution; change; public-companies; private-companies; usa

53 **NAL Call No.: 281.28-R88**
The changing occupational structure of Amish males.
Kreps, G. M.; Donnermeyer, J. F.; Kreps, M. W. *Rural-sociol* v.59(4): p.708-719. (1994 Winter)
Includes references.
Descriptors: men; occupations; structural-change; religion; population-change; off-farm-employment; farming; ohio; wayne-county,-ohio; holmes-county,-ohio

Abstract: As a subculture, the Amish sustain a distinctive way of life while maintaining linkages with the larger society. Historically, this has been accomplished within the economic sphere through restriction of livelihood to farming and at-home

occupations. This article documents the growing differentiation of the occupational structure of the Amish and their movement to nonfarm occupations. Occupational changes are discussed in terms of their impacts on Amish society.

54 **NAL Call No.: 41.8-Am3**
Characteristics and salaries of laboratory animal veterinarians.
Slattum, M. M.; Spinelli, J. S.; Simmonds, R. C. *J-Am-Vet-Med-Assoc* v.205(7): p.1030-1033. (1994 Oct.)
Descriptors: veterinarians; salaries; professional-associations; sex-differences; geographical-variation; employment; job-specification; usa

55 **NAL Call No.: HD9000.9.U5C47--1996**
Chronicle agricultural occupations guidebook. Agricultural occupations guidebook.
Chronicle Guidance Publications, i. Moravia, NY : Chronicle Guidance Publications, Inc., [1996] 1 v. (loose-leaf) : ill., Cover title.
Descriptors: Agricultural-industries-Vocational-guidance-United-States; Agriculture-Vocational-guidance-United-States

56 **NAL Call No.: 275.9-N213**
Cluster analysis of students' interest in work-traits related to careers in the food and agricultural sciences.
Rawls, W. J. *NACTA-j* v.39(2): p.54-57. (1995 June)
Includes references.
Descriptors: agricultural-education; students; perception; agroindustrial-sector; employment-opportunities; cluster-analysis

57 **NAL Call No.: 80-Ac82**
A comparison of enclave and individual employment of individuals with mental disabilities on university grounds maintenance crews.
Dobbs, G. S.; Relf, P. D. *Acta-hortic* (391): p.233-240. (1995 Mar.)
Paper presented at the XXIVth International Horticultural Congress on Horticulture in Human Life, Culture, and Environment, August 21- 27, 1994, Kyoto, Japan.
Descriptors: landscaping; mental-retardation; training; employment; employment-opportunities; horticulture

58 **NAL Call No.: 41.8-Am3**
Compounding for veterinarians by pharmacists.
Lust, E. B. *J-Am-Vet-Med-Assoc* v.205(2): p.261-263. (1994 July)
Paper presented at the "Symposium on Compounding in Veterinary Medicine," Sept 9-10, 1993.
Descriptors: drug-formulations; drug-combinations; veterinarians; occupations; pharmacists

59 **NAL Call No.: S67.P82**
Consider cooperative extension.
Pub-La-Coop-Ext-Serv. [Baton Rouge, La.?] : Cooperative Extension Service, Center for Agricultural Sciences and Rural Development, Louisiana State University & Agricultural & Mechanical College,. Dec 1994. (2485) 4 p.
Descriptors: cooperative-extension-service; agriculture; careers; louisiana

60 **NAL Call No.: 41.8-Am3**
Corporate practice.
Green, G. A. *J-Am-Vet-Med-Assoc* v.209(2): p.240-242. (1996 July)
Paper presented at the symposium on "Managing Your Economic Future in Veterinary Medicine," April 13-14, 1996, Itasca, Illinois.
Descriptors: veterinarians; employment-opportunities; veterinary-medicine; industry; industrial-veterinary-medicine

61 **NAL Call No.: aHD1751.A42**
Counties with high percent of Ag jobs decline.
Salsgiver, J. *Agric-outlook* (202): p.31-34. (1993 Nov.)
Descriptors: farm-workers; employment; local-authority-areas; usa; ag-employment

62 **NAL Call No.: 275.8-Ag8**
Delivering an education that works.
Perry, K. *Agric-educ-mag* v.66(7): p.5-6. (1994 Jan.)
Includes references.
Descriptors: high-school-students; postsecondary-education; technical-training; high-school-curriculum; career-development

63 **NAL Call No.: 41.8-Am3**
Demographic and employment shifts of US veterinarians, 1980 to 1990.
Wise, J. K.; Yang, J. J. *J-Am-Vet-Med-Assoc* v.201(5): p.684-687. (1992 Sept.)

Descriptors: veterinarians; demography; employment; age-differences; sex-differences; geographical-distribution; usa

64 **NAL Call No.: 41.8-Am3**
Demographical and employment shifts of US veterinarians, 1990 and 1992.
J-Am-Vet-Med-Assoc v.203(8): p.1132-1134. (1993 Oct.)
Includes references.
Descriptors: veterinarians; employment; demography; geographical-distribution; usa

65 **NAL Call No.: SB317.5.H68**
Developing a recruiting video for turfgrass management.
Wehner, D. J. *HortTechnology* v.3(4): p.454-455. (1993 Oct.-1993 Dec.)
Includes references.
Descriptors: lawns-and-turf; horticulture; career-choice; career-education; career-planning; high-school-students; video-recordings; occupations; higher-education

66 **NAL Call No.: 302.8-T162**
Development of human resources. 4. Career development--personal career management and planning.
Rouda, R. H.; Kusy, M. E. Jr. *Tappi-j* v.78(10): p.260-261. (1995 Oct.)
Includes references.
Descriptors: pulp-and-paper-industry; career-development; career-planning

67 **NAL Call No.: RM214.T66**
Dietetics: foundation for success as an administrator.
Wright, A. C. *Topics-clin-nutr* v.10(3): p.38-41. (1995 June)
Includes references.
Descriptors: dietetic-education; dietetics; nursing-homes; management; career-development; dietitians

Abstract: Dietetics provides a wide variety of professional, nontraditional opportunities. Dietetics education encompasses both clinical and administrative training and strengthens a background for a variety of administrative roles. This article describes how the author positioned herself and developed her expertise to become a certified nursing home administrator.

68 **NAL Call No.: RM214.T66**
The dietetics professional in the international arena.
Dittoe, A. B. *Topics-clin-nutr* v.11(4): p.7-13. (1996 Sept.)
Includes references.
Descriptors: dietetics; international-cooperation; companies; management; job-skills; professional-competence; world-markets; employment-opportunities; career-development; communication-skills; dietetic-education; dietitians

Abstract: The corporate world has developed and integrated a global approach to business. This international expansion will impact on the nutrition and dietetics profession. We need to identify and develop the business skills necessary to incorporate this approach into our practice. This international market will allow us to explore future business opportunities to enhance our professional careers.

69 **NAL Call No.: 41.8-Am3**
Distribution of US veterinarians by gender, 1990 and 1992.
Wise, J. K.; Yang, J. J. *J-Am-Vet-Med-Assoc* v.203(10): p.1411-1412. (1993 Nov.)
Includes references.
Descriptors: veterinarians; sex-differences; employment; age-differences; usa

70 **NAL Call No.: S494.5.A4S63-1991**
Diversity : the key to excellence : Sixth Annual Conference and Career Fair : proceedings : April 5-6, 1991 : the Gainesville Hilton, Gainesville, Florida. Proceedings.
Society for Minorities in Agriculture, N. R. a. R. S. C. 6. 1. G. F. [Gainesville, Fla.] : The Institute, [1991] 99 p. : ill., Cover title.
Descriptors: Agriculture-Vocational-guidance-Congresses; Minorities-in-the-professions-United-States-Congresses; Agricultural-education-Congresses; Minorities-Education-Higher-United-States-Congresses

71 **NAL Call No.: S451.P4P45**
Do you have any experience.
Gill, C. *PennState-agric* p.22-29. (1995 Spring-1995 Summer)
Descriptors: universities; agricultural-colleges; agricultural-sciences; career-development;

pennsylvania; penn-state-university; agricultural-science-internships

72 **NAL Call No.: S1.W6**
Duration of agricultural employment.
Hashida, E.; Perloff, J. M. *Work-pap-ser-Univ-Calif-Berkeley,-Dep-Agric-Resour-Econ. Berkeley : California Agricultural Experiment Station : Giannini Foundation of Agricultural Economics,. Feb 1996. (779) 25 p.*
Includes references.

73 **NAL Call No.: SB317.5.H68**
Educational and marketing programs serving the landscape industry.
Garber, M.; Bondari, K.; Wade, G. *HortTechnology* v.5(1): p.72-77. (1995 Jan.-1995 Mar.)
Includes references.
Descriptors: landscape-architecture; occupations; extension; university-research; market-research; questionnaires; educational-programs; landscaping; horticulture; technology-transfer; diffusion-of-information; georgia; landscape-architects

74 **NAL Call No.: HD1527.C2C34-no.90-4**
The effect of wage differentials on choosing to work in agriculture : implications for the Immigration Control and Reform Act.
Perloff, J. M.; California. Employment Development Dept. [Sacramento, Calif.] : Employment Development Dept., [1990] 14 p., "July 1990."
Descriptors: Agricultural-wages-California; Employment-forecasting-California

75 **NAL Call No.: LC5146.R47**
Effects of gender and academic-risk behavior on the career maturity of rural youth.
Rojewski, J. W.; Wicklein, R. C.; Schell, J. W. *J-res-rural-educ* v.11(2): p.92-104. (1995 Fall)
Includes references.
Descriptors: rural-youth; adolescents; human-behavior; multivariate-analysis; career-development; attitudes; males; females; usa; at-risk-youth

76 **NAL Call No.: SH135.N37--1992**
Employment and manpower in aquaculture : a background review.
Nash, C. E.; Food and Agriculture Organization of the United Nations. Human Resources, I. a. A. R. D. Rome : Food and Agriculture Organization of the United Nations, Human Resources, Institutions and Agrarian Reform Division, 1992. iv, 91 p., Includes bibliographical references (p. 70-73).
Descriptors: Aquaculture; Aquaculturists; Manpower-planning

77 **NAL Call No.: 41.8-Am3**
Employment of 1993 male and female graduates of US veterinary medical colleges.
J-Am-Vet-Med-Assoc v.204(2): p.217-218. (1994 Jan.)
Includes references.
Descriptors: veterinarians; employment; graduates; sex-differences; salaries; fringe-benefits; veterinary-practice; usa

78 **NAL Call No.: 41.8-Am3**
Employment of 1994 graduates of US veterinary medical colleges, analysis by gender.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.206(2): p.177-179. (1995 Jan.)
Includes references.
Descriptors: veterinarians; employment; sex-differences; salaries; fringe-benefits; usa

79 **NAL Call No.: 41.8-Am3**
Employment of 1995 graduates of US veterinary medical colleges, analysis by gender.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.207(12): p.1559-1560. (1995 Dec.)
Descriptors: veterinarians; graduates; employment; sex-differences; salaries; fringe-benefits; usa

80 **NAL Call No.: S533.G64--1995**
Employment opportunities for college graduates in the food and agricultural sciences : agriculture, natural resources, veterinary medicine : 1995-2000.
Goecker, A. D. 1.; Coulter, K. J.; Stanton, M. West Lafayette, Ind. : School of Agriculture, Purdue University, [1995] 20 p. : col. ill., Cover title.
Descriptors: Agricultural-students-Employment-United-States; Agricultural-education-United-States

81 **NAL Call No.: 41.8-Am3**
Employment, starting salaries, and educational indebtedness of 1993 graduates of US veterinary medical colleges.
J-Am-Vet-Med-Assoc v.203(12): p.1687-1688. (1993 Dec.)
Descriptors: veterinarians; employment; salaries; debt; graduates; usa

82 **NAL Call No.: 41.8-Am3**
Employment, starting salaries, and educational indebtedness of 1994 graduates of US veterinary medical colleges.
Wise, J. K.; Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.205(12): p.1687-1688. (1994 Dec.)
Descriptors: veterinarians; graduates; employment; salaries; debt; usa

83 **NAL Call No.: 41.8-Am3**
Employment, starting salaries, and educational indebtedness of 1995 graduates of US veterinary medical colleges.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.207(10): p.1290-1291. (1995 Nov.)
Descriptors: veterinarians; graduates; salaries; debt; employment; usa

84 **NAL Call No.: 41.8-Am3**
Employment, starting salaries, and educational indebtedness of 1996 graduates of US veterinary medical colleges.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.209(12): p.2022-2023. (1996 Dec.)
Descriptors: veterinarians; employment; salaries; debt; veterinary-education; veterinary-practice; usa; educational-debt

85. **NAL Call No.: PPUSDA AV-S-494.5.A4-E53-1989; Videocassette--no.2494**
Energize the green machine : launch your career in the food, agricultural, and natural resource system.
Purdue University. School of Agriculture. West Lafayette, IN : Purdue University, School of Agriculture, [198-?] 1 videocassette (15 min.) : sd., col..
"A cooperative project of Higher Education Programs, U.S. Dept. of Agriculture and the School of Agriculture, Purdue University.".
Descriptors: Agricultural-industries-Vocational-guidance/ Agriculture-Vocational-guidance/ Natural-resources-Vocational-guidance

Abstract: Looks at agricultural careers in communications, science and engineering, natural resources, production and business.

86 **NAL Call No.: aSD388.A1U55--no.7100-17**
Engineering and related skills in ecosystem management.
United States. Forest Service. Engineering Staff. [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, Engineering Staff, [1995] [4] p. : col. ill., Shipping list no.: 95-0129-P.
Descriptors: Forestry-engineering-Vocational-guidance-United-States; Engineering-Vocational-guidance-United-States; Ecosystem-management-Vocational-guidance-United-States

87 **NAL Call No.: 1-Ag84y**
Entering farming in the 1990's.
Thomas, K. H.; Boehlje, M. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1989. p. 40-44.*
In the series analytic: Farm management: How to achieve your farm business / edited by D.T. Smith.
Descriptors: farming; farm-entrants; occupational-change

88 **NAL Call No.: QL461.A52**
Entomology is great--we can make it greater.
Skelton, T. E. *Am-entomol* v.41(3): p.140-143. (1995 Fall)
Descriptors: entomology; biologists; employment; perception

89 **NAL Call No.: TD170.2.B37-1992**
Environmental jobs for scientists and engineers.
Basta, N. 1. New York : Wiley, 1992. xii, 228 p., Includes index.
Descriptors: Environmental-protection-Vocational-guidance; Conservation-of-natural-resources-Vocational-guidance

90 **NAL Call No.: aJK766.4.U65--1991**
Equal opportunity is for everyone : 1991 accomplishments.
United States. Forest Service. Personnel and Civil Rights. [Washington, D.C.] : The Service, 1991. vii, 131 p. : ill., "December 1991."
Descriptors: United-States-Forest-Service-Personnel-management; Affirmative-action-programs-United-States; Minorities-Employment-United-States; Women-Employment-United-States

91 **NAL Call No.: 275.9-N213**
Experience needs of college of agriculture graduates as perceived by business and industry.
Bekkum, V. A. *N-A-C-T-A-J* v.37(2): p.48-57. (1993 June)
Includes references.
Descriptors: agricultural-colleges; graduates; agribusiness; surveys; employment; job-skills; educational-planning

92 **NAL Call No.: 41.8-Am3**
Factors affecting starting salaries of veterinary medical graduates, 1993-1995.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.208(10): p.1660-1662. (1996 May)
Includes references.
Descriptors: veterinarians; graduates; salaries; employment; sex-differences; age-differences; usa

93 **NAL Call No.: S537.S6S6--no.31**
Factors that influence the career choices of rural minority students.
Moore, B.; South Carolina State College. Orangeburg, S.C. : 1890 Research, South Carolina State College, [1983] xi, 133 p. : ill., "September 1983."
Descriptors: South-Carolina-State-College-Students; Afro-American-college-students-Attitudes; Student-aspirations-United-States; Vocational- interests-United-States

94 **NAL Call No.: aHN90.C6R78**
Farm women blend farm and off-farm work.
Perry, J. E.; Ahearn, M. C. *Rural-dev-perspect. Washington, D.C. : U.S. Department of Agriculture, Economic Research Service. June 1994. v. 9 (3) p. 24-31.*
Includes references.
Descriptors: women; farmers; farm-management; off-farm-employment; female-labor; usa

95 **NAL Call No.: 1-Ag84y**
FFA goes high-tech.
Wilson, M. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 136-138.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agricultural-education; career-development; future-farmers-of-america

96 **NAL Call No.: 1.98-Ag84**
Fieldwork leads to resource management.
Stelljes, K. B. *Agric-res* v.44(9): p.20-21. (1996 Sept.)
Descriptors: career-development; agricultural-research; usda; apprenticeship

97 **NAL Call No.: HD1525.M55-1989**
Findings from the National Agricultural Workers Survey (NAWS) 1989 : a demographic and employment profile of perishable crop farm workers. Demographic and employment profile of perishable crop farm workers.
Mines, R.; Gabbard, S.; Torres, J.; United States. Dept. of Labor. Office of Program Economics. [Washington, D.C.?] : Office of Program Economics, U.S. Dept. of Labor, Office of the Assistant Secretary for Policy, [1991] iv, 94 p. : ill., "November 1991."
Descriptors: Agricultural-laborers-United-States-Statistics; Migrant-agricultural-laborers-United-States-Statistics

98 **NAL Call No.: HD1525.M55-1990**
Findings from the National Agricultural Workers Survey (NAWS) 1990 : a demographic and employment profile of perishable crop farm workers. Demographic and employment profile of perishable crop farm workers.
Mines, R.; Gabbard, S.; Boccalandro, B.; Aguirre International. [Washington, D.C.] : Office of Program Economics, U.S. Dept. of Labor, Office of the Assistant Secretary for Policy, [1991] v, 106 p. : ill., "Prepared by Aguirre International, San Mateo, California, under the supervison of the Office of Program Eonomics."
Descriptors: Agricultural-laborers-United-States-Statistics; Migrant-agricultural-laborers-United-States-Statistics

99 **NAL Call No.: SB317.5.H68**
Flower industry expectations of students.
Holcomb, E. J. *HortTechnology* v.5(1): p.81-83. (1995 Jan.-1995 Mar.)
Descriptors: floriculture; college-students; employment; job-skills

100. **NAL Call No.: Kit--no.277**
Food for America : FFA tells the story.
Future Farmers of America. Alexandria, VA : National FFA Center, [1991?] 1 teacher's guide, 1 presenter's guide, 1 wall chart, 1 brochure.

Descriptors: Agriculture-Study-and-teaching-United-States/ Agriculture-Vocational-guidance-United-States/ Food-supply-United-States/ audiovisual

Abstract: Designed to make students aware of the world of agriculture by learning about its history and important developments, careers in agriculture and agribusiness, products raised in the United States and in individual states, and what the future in agriculture may be like.

101 **NAL Call No.: 1.98-Ag84**

From agricultural research to medicine.

Wood, M. *Agric-res* v.44(9): p.22-23. (1996 Sept.)

Descriptors: career-development; agricultural-research; usda; apprenticeship

102 **NAL Call No.: HD5708.55.U6W54--1994**

From the farm to the job market : a guide to employment and training services for farmers and ranchers.

Wiegart, L.; Weinstock, P.; United States. Employment and Training Administration. Office of Policy and Research. Washington, D.C. : The Administration, [1994] 84, [39] p. : ill., forms, Principal authors: Liz Wiegardt and Phyllis Weinstock.

Descriptors: Displaced-workers-Services-for-United-States; Farmers-Vocational-guidance-United-States; Ranchers-Vocational-guidance-United-States

103 **NAL Call No.: 1.98-Ag84**

Full circle--and then some.

Quattro, J. d. *Agric-res* v.44(9): p.12-15. (1996 Sept.)

Descriptors: career-development; agricultural-research; federal-programs; work-experience-programs; job-skills; usda

104 **NAL Call No.: 41.8-Am3**

Gender redistribution in the veterinary medical profession.

Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.208(8): p.1254-1255. (1996 Apr.)

Includes references.

Descriptors: veterinarians; sex-differences; trends; employment; sex-ratio; usa

105 **NAL Call No.: 1-Ag84y**

Genita Cockrell and Lawrence Johnson: Savoring success in the food processing industry.

O'Reilly, S. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 67-68.*

In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.

Descriptors: food-processing; food-industry; food-sciences; employment

106 **NAL Call No.: 281.28-R88**

Getting into it: farm roles and careers of New Zealand women.

Keating, N. C.; Little, H. M. *Rural-sociol* v.59(4): p.720-736. (1994 Winter)

Includes references.

Descriptors: rural-women; female-labor; role-perception; farm-management; ownership; new-zealand

Abstract: Researchers have challenged the stereotype that farm women's roles and influence are primarily domestic by documenting the number of women's on-farm roles. This study extends this approach by considering the interrelationships among women's roles and influence in reproductive and productive domains. A qualitative research method was used to investigate women's ways of describing the range of their on- farm roles and the process of entry into and exit from those roles. Participants were farm women from south island, New Zealand. Findings showed women's wide range of involvement in household and farm labor, management, and ownership of their farms. Levels of involvement differed throughout the three phases of their farm careers: making a place, getting into it, retirement. Hypotheses were developed from the findings for further delineation of the range of women's on-farm involvement and barriers and opportunities to the development of women's on- farm careers.

107 **NAL Call No.: LC5146.R87**

Going the distance with life centered career education.

Brolin, D. E.; Cook, I. D.; O'Keefe, S. *Rural-spec-educ-q* v.13(1): p.64-67. (1994)

In the topical issue: Transition in rural America.

Descriptors: students; public-schools; career-education; distance-teaching; educational-programs; rural-areas; usa

108 **NAL Call No.: 1-Ag84y**
Grant and JoAnne Hill: a part-time professional and a full-time farm manager.
Kerr, H. W. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 46-47.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: farming; farm-management; part-time-employment; maryland

109 **NAL Call No.: S451.P4P45**
Green thumbs aren't required.
Pruyne, R. *PennState-agric* p.41. (1994 Fall-1995 Winter)
Descriptors: universities; agricultural-colleges; graduates; career-development; handicapped-persons; pennsylvania; penn-state-university; alumni-career-descriptions

110 **NAL Call No.: 1.98-Ag84**
He found science interesting, then built a career.
Senft, D. *Agric-res* v.44(9): p.18-19. (1996 Sept.)
Descriptors: career-development; agricultural-research; usda

111 **NAL Call No.: S494.5.A4H4--1989**
High school student perceptions of agricultural college majors and careers : [executive summary].
American College Testing Program. Research Division. [Oak Brook, IL] : Farm Foundation, [1989] ii, 10 p., "Presented to the Farm Foundation, April 1989."
Descriptors: Agriculture-Vocational-guidance-United-States

112 **NAL Call No.: SB317.5.H68**
Horticulture hiring people with disabilities.
Davis, S. H.; De Riso, M. S. *HortTechnology* v.2(2): p.183-189. (1992 Apr.-1992 June)
Includes references.
Descriptors: horticulture; workers; handicapped-persons; employment-opportunities; horticultural-therapy

113 **NAL Call No.: HV3005.H67--1989**
Horticulture hiring the disabled transitions project (HHD-Transitions) : a transitions-employment initiative for students with developmental disabilities. Transitions-employment initiative for students with developmental disabilities.
American Horticultural Therapy Association. Gaithersburg, Md. : American Horticultural Therapy Association, c1989. vi, 108 p., "Supported in part by a grant from the U.S. Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, and the U.S. Department of Labor, Employment and Training Administration Grant #90DD0100"--Added t.p.
Descriptors: Developmentally-disabled-Employment-United-States; Gardening-United-States-Therapeutic-use

114. **NAL Call No.: Audiocassette-no.247**
How we got our foot in the door and are keeping it there : panel. Three sports nutritionists, how we got our foot in the door and are keeping it there.
Berning, J. R., Clark, N. 1., Coleman, E. & American Dietetic Association. Sports and Cardiovascular Nutritionists. [Everett, Wash.] : Audio Productions, p1992. 2 sound cassettes : analog..
Title from both cassette labels combined.
Descriptors: Nutritionists-/ Nutrition-Career-in/ Audiovisual

Abstract: Three sports nutritionists talk about themselves, how they got started in their field and how they stay there. They give ideas and perspectives of how the three of them have taken different approaches to the same jobs, the same goals, etc.

115. **NAL Call No.: Kit--no.226**
I'll take charge : a career development and life planning curriculum.
Walker, J., Coble, T. L. & Minnesota Extension Service. Minnesota 4 H Youth Development. St. Paul, Minn. : Minnesota Extension Service, University of Minnesota, 4-H Youth Development, c1989. 2 videocassettes (VHS), 6 booklets.
"4-H-EF-3736"--Container and videocassette labels.
Descriptors: Life-skills/ Success-in-adolescence/ 4-H-clubs

Abstract: Presents a 4-H curriculum designed to help young people ages 13-19 understand the challenge of life planning and the serious thought that goes into setting goals for the future. There are five concepts (dreams and expectations, family and sex roles,

work, education, and lifstyle), each of which is contained in its own booklet or unit.

116 **NAL Call No.: 275.8-Ag8**
If agricultural education were a Coca-Cola.
Doerfert, D. L. *Agric-educ-mag* v.67(7): p.6-8. (1995 Jan.)
Includes references.
Descriptors: agricultural-education; perception; students; educational-programs; careers

117 **NAL Call No.: RM214.T66**
Impact of health care reform on career opportunities in the profession.
Parks, S. C. *Topics-clin-nutr* v.10(3): p.1-7. (1995 June)
Includes references.
Descriptors: health-care; allied-health-occupations; employment-opportunities; trends; law; dietitians

Abstract: As the health care industry takes on new directions, as environmental turbulence increases, and as competition among providers rises in intensity, practitioners must anticipate the impact future environments will have on their careers. Those practitioners with the ability to approach career management with a beginner's mind-set will capitalize on untapped opportunities. Others, who naively cling to institutionally based positions, will find eroding career patterns. The future holds great promise for those professionals who understand the impact of the restructuring of the health care system; who are prepared to abandon old work and job paradigms; and for those individuals pursuing international careers.

118 **NAL Call No.: 275.8-Ag8**
Implementation strategies for Tech Prep.
Harris, C. R.; Birkenholz, R. J. *Agric-educ-mag* v.66(7): p.10-12, 23. (1994 Jan.)
Includes references.
Descriptors: agricultural-education; technical-training; work-sharing; career-education; high-schools; postsecondary-education

119 **NAL Call No.: 1.98-Ag84**
In search of marketing partners.
Stanley, D. *Agric-res* v.44(9): p.16-17. (1996 Sept.)
Descriptors: career-development; agricultural-research; usda

120 **NAL Call No.: 275.9-N213**
An Iowa study: factors affecting agriculture students career choice.
Scofield, G. G. *NACTA-j* v.38(4): p.28-30. (1994 Dec.)
Descriptors: college-students; career-choice; college-curriculum; decision-making; agricultural-education; higher-education; agricultural-colleges; surveys; iowa

121 **NAL Call No.: SH35.O3L52--1991**
Is aquaculture for you?. Rev. 1991.
Lichtkoppler, F. R.; Ebeling, J. M.; Ohio Sea Grant College Program. Columbus, Ohio : Ohio Sea Grant College Program, 1991. 2 p., Caption title.
Descriptors: Aquaculture-Ohio-Vocational-guidance

122 **NAL Call No.: 280.29-Am3A**
Is there a cooperative in your future.
Silvey, R. N. *Am-coop* p.77-83. (1994)
Descriptors: cooperatives; cooperative-activities; history; economic-development; career-planning

123 **NAL Call No.: 1-Ag84y**
John Barrientos: Growing an agricultural career.
Rosenberg, H. R. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 81.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agricultural-sector; personnel-management; employer-employee-relationships; labor-relations; california

124 **NAL Call No.: 1-Ag84y**
Jose Reyes Reyes: Winter farmwork in western New York.
Figueroa, E. E. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 48-50.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: farm-workers; hired-labor; employment; winter; seasonal-labor; new-york; consistent-employment

125 **NAL Call No.: 1-Ag84y**
Joseph M. Stewart: an 1890's success story.
Willis, T. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 93-94.*

In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: food-service-industry; career-development

126 **NAL Call No.: 99.8-F762**
Jumpin' smokes.
Archibald, R. *Am-For* v.99(5/6): p.26-29, 55-56. (1993 May-1993 June)
Descriptors: forest-fires; wildfires; fire-control; usda; occupations; smokejumpers; firefighters; usda-forest-service; airplanes

127 **NAL Call No.: 99.8-F768**
Knowing ourselves: changing definitions of the forestry profession.
Bentley, W. R. *J-for* v.93(1): p.12-15. (1995 Jan.)
Includes references.
Descriptors: forestry; occupations; foresters

128 **NAL Call No.: 1.98-Ag84**
Lab skills are highly transferable.
Lee, J. *Agric-res* v.44(9): p.11. (1996 Sept.)
Descriptors: career-development; work-experience-programs; agricultural-research; usda; federal-programs; job-skills

129 **NAL Call No.: HD1401.A56**
Landscape services: an urban agricultural sector.
Cox, L. J.; Hollyer, J. R.; Leones, J. *Agribusiness* v.10(1): p.13-26. (1994 Jan.)
Includes references.
Descriptors: landscaping; occupations; services; employment; agricultural-sector; urban-areas; hawaii; usa

130 **NAL Call No.: 275.9-N213**
A leadership development course for animal industry careers.
Russell, M. A.; Jones, H. W. *NACTA-j* v.39(4): p.30-33. (1995 Dec.)
Includes references.
Descriptors: agricultural-sciences; zoology; career-development; college-students; college-curriculum; communication-skills; leadership; agroindustrial-relations; indiana

131 **NAL Call No.: 275.8-Ag8**
Let's tell our story.
Davis, T. *Agric-educ-mag* v.67(7): p.12-13. (1995 Jan.)
Includes references.
Descriptors: agricultural-education; agriculture; perception; public-opinion; students; careers; educational-programs; agribusiness; usa

132 **NAL Call No.: LC5146.R87**
A life-span approach to career education for learners with disabilities in rural areas.
D'Alonzo, B. J.; Giordano, G.; Cole, J. *Rural-spec-educ-q* v.12(4): p.39-43. (1993)
Includes references.
Descriptors: handicapped-persons; educational-programs; lifespan; career-education; rural-areas; learning-ability

133 **NAL Call No.: 1.98-Ag84**
Listening to insects.
Adams, S. *Agric-res* v.44(9): p.6-8. (1996 Sept.)
Descriptors: agricultural-research; federal-programs; usda; high-school-students; career-development; work-experience-programs

134 **NAL Call No.: RM214.T66**
Looking for Wonder Woman: a role for registered dietitians in industry-based education.
Campbell, S. M. *Topics-clin-nutr* v.10(3): p.14-19. (1995 June)
Includes references.
Descriptors: dietetic-education; mental-ability; job-skills; leadership; career-development; dietitians

Abstract: Skills needed for dietitians to advance professionally include technical proficiency, an ethic of service, leadership, persuasive communication, negotiation, risk taking, and critical thinking. These skills are obtained through practice. Professionals should take advantage of opportunities to practice these skills. Accepting challenging opportunities that emerge provides growth that is called transformation. Through such transformative experiences, a "Wonder Woman" is created.

135 **NAL Call No.: RM214.T66**
Make a career of clinical nutrition research.
Coulston, A. M. *Topics-clin-nutr* v.10(3): p.29-33. (1995 June)
Includes references.
Descriptors: dietetics; nutrition-research; clinical-nutrition; diet-treatment; dietitians

Abstract: Efficacious dietetics practice must be based on scientific evidence to justify the cost of nutrition implementation. Advances in the science of food and nutrition are most likely to meet the needs of the practice of dietetics when the research is conducted by its members. Common themes that remain a focus of nutrition research include evaluation of nutrition status of individuals and populations at risk for disease, identification of nutrition requirements associated with disease conditions, and nutrition intervention as therapy in disease conditions. Although some dietitians have the position title of "research" dietitian, the research domain is open to all practicing dietitians.

136 **NAL Call No.: 1-Ag84Pro**
Make a difference--challenge yourself in the Student Career Experience Program.
Program-aid. Washington, D.C. : United States Department of Agriculture, Forest Service. Oct 1995. (1519) 8 p.
Descriptors: career-development; forestry; work-experience-programs; educational-programs; federal-programs; usda

137 **NAL Call No.: 275.29-M68Ext**
Making a difference through a career in the Cooperative Extension Service.
Johnson, E. S. *Publ-Miss-State-Univ,-Coop-Ext-Serv. State College, Miss. : Cooperative Extension Service, Mississippi State University. May 1993. (1867) 4 p.*
Descriptors: cooperative-extension-service; educational-programs; mississippi

138 **NAL Call No.: 59.8-C333**
The making of a flavorist.
Shediack, J. C. Jr. *Cereal-foods-world. St. Paul, Minn., American Association of Cereal Chemists. Apr 1995. v. 40 (4) p. 206-207.*
Descriptors: food-industry; food-sciences; food-quality; flavor; training; employment-opportunities; scientists

139 **NAL Call No.: RM214.T66**
Managing a nutrition research project.
Brancato, J. A. *Topics-clin-nutr* v.10(3): p.34-37. (1995 June)
Includes references.
Descriptors: nutrition-research; nutritional-intervention; nutrition-education; career-development; dietitians

Abstract: Options in dietetics careers are expanding to include nutrition research projects. Dietitians are finding research positions to be an exciting alternative from traditional opportunities, especially with research findings opening up new areas of practice. This article discusses the role of the nutrition manager, specifically managerial, communication, and education roles. It also explains how a nutrition manager position can be obtained through educational and practical experience.

140 **NAL Call No.: S541.M56--1992**
MANRRS 1992 : the changing face of agriculture : Minorities in Agriculture, Natural Resources and Related Sciences : proceedings of the seventh annual Conference and Career Fair, April 3-4, 1992, Purdue University, West Lafayette, Indiana. Changing face of agriculture.
Minorities in Agriculture, N. R. a. R. S. C. 7. 1. P. U. [West Lafayette, Ind.? : The University?, 1992] 64 p. : ill., Includes bibliographical references.
Descriptors: Agricultural-education-United-States-Congresses

141 **NAL Call No.: S544.3.A2A852**
Marketing you.
Holley, B. B. *Leafl-YEX. Auburn, Ala. : Auburn University Extension Service,. Mar 1994. (42) 6 p.*
Descriptors: employment-opportunities; career-development

142 **NAL Call No.: RM218.5.M37-1993**
Marketing yourself using nutritional analysis.
N Squared Computing (Firm). Salem, OR (3040 Commercial St. SE, Ste. 240, Salem, OR 97302) : N-Squared Computing, [1993?] 32 p. 11 duplicating masters., Cover title.
Descriptors: Dietetics-Vocational-guidance; Nutrition-Vocational-guidance

143 **NAL Call No.: 1-Ag84y**
Mattie Sharpless: setting goals for a world-class agricultural career.
Klusaritz, S. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 164-165.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agriculture; usda; trade-relations; international-trade; foreign-agricultural-service

144 **NAL Call No.: TD177.8.N3--1985**
Meeting environmental workforce needs : proceedings of the Second National Conference on Meeting Environmental Workforce Needs, April 1-3, 1985 : education and training to assure a qualified workforce. Environmental workforce needs.
National Conference on Meeting Environmental Workforce Needs (2nd : 1985 : Washington, D. C. Silver Spring, Md. : Information Dynamics, c1985. 227 p. : ill., Title on spine: Environmental workforce needs.
Descriptors: Environmental-protection-Vocational-guidance-Congresses; Hazardous-substances-Control-Congresses; Water-Pollution-Control-Congresses

145 **NAL Call No.: 275.9-N213**
Minority students' attitudes toward agricultural careers.
Talbert, B. A.; Larke, A. Jr. *NACTA-j* v.34(1): p.14-17. (1995 Mar.)
Includes references.
Descriptors: high-school-students; minorities; agricultural-education; attitudes; career-development; educational-programs; surveys; texas

146 **NAL Call No.: LC45.4.J682**
New extension professionals--surviving the start.
Ritchie, R. M. *J-ext. United States : Extension Journal, Inc., [1987-. June 1996. v. 34 (3) n/a*
Descriptors: extension-agents; professionalism; career-development; youth-programs; indiana

147 **NAL Call No.: HD4966.L92U62**
Occupational compensation survey--pay only. Montana--forestry and logging. Montana--forestry and logging.
United States. Bureau of Labor Statistics.
Washington, DC : The Bureau, 1993- v.
Title from caption.
Descriptors: Wages-Forest-products-industry-Montana-Statistics-Periodicals; Wages-Lumbermen-Montana-Statistics-Periodicals

148 **NAL Call No.: HD4966.L92U63**
Occupational compensation survey--pay only. Oregon--forestry and logging. Oregon--forestry and logging.
United States. Bureau of Labor Statistics.
Washington, DC : The Bureau, 1993- v.
Title from caption.
Descriptors: Wages-Forest-products-industry-Oregon-Statistics-Periodicals; Wages-Lumbermen-Oregon-Statistics-Periodicals

149 **NAL Call No.: HD4966.L92U68**
Occupational compensation survey--pay only. Washington--forestry and logging. Washington--forestry and logging.
United States. Bureau of Labor Statistics.
Washington, DC : The Bureau, 1993- v.
Title from caption.
Descriptors: Wages-Forest-products-industry-Washington-State-Statistics-Periodicals; Wages-Lumbermen-Washington-State-Statistics-Periodicals

150 **NAL Call No.: HD1527.C2C34--no.91-3**
The occupational mobility of current and former farm workers : a comparative analysis in two California labor markets.
Gabbard, S.; Goldring, L. [Sacramento, Calif.] : Labor Market Information Division, Employment Development Dept., [1991] 47 p., "Prepared for the State Employment Development Department (EDD) under interagency agreement no. M900443."
Descriptors: Agricultural-laborers-California; Occupational-mobility-California

151 **NAL Call No.: S1.T49**
Occupational status and educational needs of graduates from the college of agricultural sciences, Texas Tech University, 1971-1986.
Eggenberger, L.; Cepica, M. *Tex-J-Agric-Nat-Resour-Publ-Agric-Consortium-Tex. Canyon, Tex. : The Consortium. 1990. v. 4 p. 50-52.*
Includes references.
Descriptors: graduates; agricultural-education; occupational-status; consumer-attitudes; questionnaires; agribusiness; agricultural-manpower; computers; college-curriculum; leadership-training; international-trade; advisory-centers; advisory-officers; marketing; texas

152 **NAL Call No.: QH314.J36--1996**
On becoming a biologist.
Janovy, J. 1. Lincoln : University of Nebraska Press, c1996. xiv, 160 p., "Bison books"--P. [i].
Descriptors: Biology-Vocational-guidance

153 **NAL Call No.: QP141.A1A63**
On the making of a clinical nutritionist.
Olson, R. E. *Annu-rev-nutr. Palo Alto, Calif. : Annual Reviews Inc., c1981-. 1996. v. 16 p. 1-32.*
Includes references.
Descriptors: nutritionists; clinical-nutrition; professional-education; nutrition-education; careers; practice; nutrition-physiology; universities; medicine; specialization; literature-reviews

Abstract: Clinical nutrition may be defined as the application of the principles of nutrition science and medical practice to the diagnosis, treatment, and prevention of human disease caused by the deficiency, excess, or metabolic imbalance of nutrients. At present, many physicians do not appreciate the great traditions established by their forebears in this field (Hippocrates, Lind, Eijkman, Glisson, Casal, Livingstone, Hopkins, and Goldberger). They have tended to avoid nutritional problems, plead ignorance of nutrition principles, and delegate the nutritional care of their patients to paramedical personnel. Only by changing this situation can members of the medical profession offer adequate care to their patients. In this chapter, I have attempted to present the duties and responsibilities of a clinical nutritionist in an academic environment. A well-trained academician in such a position can improve the education of medical students in nutrition, attract well-motivated graduates into nutrition training programs, and establish clinical nutrition as a bona fide subspecialty of medicine.

154 **NAL Call No.: 41.8-AM3**
Opportunities for veterinarians in aquaculture.
Purchase, H. G.; Gloyd, J.; Pitts, J. L. *J-Am-Vet-Med-Assoc* v.202(5): p.734-737. (1993 Mar.)
Includes references.
Descriptors: veterinarians; aquaculture; food-safety; aquatic-animals; animal-health; employment-opportunities

155 **NAL Call No.: 41.8-Am3**
Opportunities for veterinarians in the twenty-first century.
Finnegan, N. B. *J-Am-Vet-Med-Assoc* v.209(2): p.215-217. (1996 July)
Paper presented at the symposium on "Managing Your Economic Future in Veterinary Medicine," April 13-14, 1996, Itasca, Illinois.
Descriptors: veterinarians; employment-opportunities; health-care; public-health

156 **NAL Call No.: SF80.L44--1994**
Opportunities in animal and pet care careers.
Lee, M. P.; Lee, R. S. R. S. 1. Lincolnwood, Ill., U.S.A. : VGM Career Horizons, c1994. xi, 147 p.,
Descriptors: Animal-culture-Vocational-guidance; Animal-specialists-Vocational-guidance

157 **NAL Call No.: TP248.2.B772--1994**
Opportunities in biotechnology careers.
Brown, S. S. 1.; Hall, J. Lincolnwood, Ill. : VGM Career Horizons, 1994. xii, 148 p., Includes bibliographical references. What is biotechnology? -- Current developments in biotechnology -- Biotechnology career profiles -- Nonscientific careers in biotechnology -- Employment opportunities in biotechnology -- Educational preparation -- Attributes of a successful biotechnologist -- Strategies for finding the right job.
Descriptors: Biotechnology-Vocational-guidance

158 **NAL Call No.: S494.5.A4W48--1995**
Opportunities in farming and agriculture careers. Farming and agriculture careers.
White, W. C.; Collins, D. N.; Paradis, A. A.; White, W. C. Lincolnwood, IL : VGM Career Horizons, 1995. ix, 150 p., Rev. ed. of: Opportunities in agricultural careers, c1988.
Descriptors: Agriculture-Vocational-guidance-United-States; Agricultural-industries-Vocational-guidance-United-States

159 **NAL Call No.: SB50.G65--1995**
Opportunities in horticulture careers.
Goldberg, J. Lincolnwood, Ill. : VGM Career Horizons, c1995. xiv, 146 p., *Descriptors:* Horticulture-Vocational-guidance

160 **NAL Call No.: 389.8-N953**
Opportunities in the nutrition and food sciences--a new institute of medicine report.
Nutr-rev v.52(3): p.106-109. (1994 Mar.)
Includes references.
Descriptors: food-sciences; dietetics; employment-opportunities; trends; nutrition-policy; food-research; government

161 **NAL Call No.: SB403.45.O75--1973**
Ornamental horticulture for vocational agriculture in Alabama.
Alabama. Dept. of Education. Agribusiness Education Service. Montgomery, Ala. : State Dept. of Education, Division of Vocational Education, Agricultural Education Service, 1973. 349 p. : ill., Cover title.
Descriptors: Ornamental-horticulture-Vocational-guidance

162 **NAL Call No.: 275.9-N213**
Pennsylvania study: employee and student perceptions of skills and experiences needed for careers in agribusiness.
Radhakrishna, R. B.; Bruening, T. H. *NACTA-j* v.38(1): p.15-18. (1994 Mar.)
Includes references.
Descriptors: agribusiness; careers; personnel; college-students; job-skills; perception; comparisons; pennsylvania

163 **NAL Call No.: Q147.F45--1993**
A Ph.D. is not enough : a guide to survival in science.
Feibelman, P. J. Reading, Mass. : Addison-Wesley, c1993. xiii, 109 p. : ill., Includes bibliographical references.
Descriptors: Science-Vocational-guidance-Handbooks,-manuals,-etc; Scientists-Training-of-Handbooks,-manuals,-etc; Mentors-in-the-professions- Handbooks,-manuals,-etc

164 **NAL Call No.: 41.8-Am3**
Pharmacist compounding vs veterinarian compounding: similarities and differences.
Jordan, D. G. *J-Am-Vet-Med-Assoc* v.205(2): p.256-260. (1994 July)
Paper presented at the "Symposium on Compounding in Veterinary Medicine," Sept 9-10, 1993.
Descriptors: drug-formulations; drug-combinations; veterinarians; occupations; pharmacists

165 **NAL Call No.: 1-Ag84y**
Plan your education for a career in agriculture.
Wharton, K. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 145-147.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agricultural-education; career-development; career-planning

166 **NAL Call No.: Q1.S37**
Plant science job horizon dimmed by lack of funding.
Clemmitt, M. *Scientist* v.6(18): p.1, 6-7. (1992 Sept.)
Descriptors: agricultural-sciences; employment; usa

167 **NAL Call No.: aS21.R44P57--1984**
Plant scientists in the Agricultural Research Service. Slightly rev. Oct. 1984.
United States. Agricultural Research Service. [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Research Service, [1984] 1 folded sheet (6 p.), Cover title.
Descriptors: United-States-Agricultural-Research-Service; Botany-Vocational-guidance-United-States

168 **NAL Call No.: aSB950.2.A1W45--1995**
The PPQ William F. Helms student scholarship program.
United States. Animal and Plant Health Inspection Service. Washington, D.C. : APHIS, [1995?] 1 folded sheet (6 p.) : ill., Cover title.
Descriptors: Plants,-Protection-of-Scholarships,-fellowships,-etc-United-States; Plants,-Protection-of-Vocational-guidance-United-States; Plant-quarantine-United-States

169 **NAL Call No.: 41.8-Am3**
Practicing part time--a growing trend.
Swihart, E. V. *J-Am-Vet-Med-Assoc* v.208(10): p.1644-1647. (1996 May)
Includes references.
Descriptors: veterinarians; part-time-employment; trends; usa

170 **NAL Call No.: 290.9-Am32P**
Preparation for an international marketing career.
White, G. R. *Pap-Am-Soc-Agric-Eng. St. Joseph, Mich. : American Society of Agricultural Engineers,. Winter 1991. (91-5539) 4 p.*
Descriptors: marketing; economics; international-cooperation; education

171 **NAL Call No.: S590.S62**
Private sector experience of a soil science graduate.
Reese, F. A. *SSSA-spec-publ* (37): p.45-52. (1994)

In the series analytic: Soil science education: philosophy and perspectives / edited by P. Baveye, W.J. Farmer and T.J. Logan.
Descriptors: agricultural-education; soil-science; graduates; occupations; private-sector; educational-reform

172 **NAL Call No.: 41.8-Am3**
Professional income of US veterinarians in public or corporate employment, 1995.
Gehrke, B. C. *J-Am-Vet-Med-Assoc* v.210(2): p.188-189. (1997 Jan.)
Includes references.
Descriptors: veterinarians; income; employment; public-agencies; companies; usa

173 **NAL Call No.: HD101.S6**
Quality of professional life: faculty compensation and appointments.
Trapp, J. N. *J-agric-appl-econ* v.25(1): p.27-56. (1993 July)
Paper presented at the Southern Agricultural Economics Association meetings, February 1, 1993, Tulsa, Oklahoma.
Descriptors: agricultural-economists; salaries; quality-of-life; universities; employment

Abstract: The average real salary Of agricultural economists has risen approximately 20 percent over the last two decades. Currently agricultural economists' salaries are approximately 6 percent above the average college of agricultural salary and 1 percent above the average of all university faculty. Over the last two decades agricultural economists' salaries have remained among the highest in the college of agriculture and their numbers have risen as a percentage of total agricultural faculty. Conversely our profession, and the college of agriculture in general, has experienced declines in salary levels and faculty numbers relative to average university salaries and total faculty number.

174 **NAL Call No.: 1-Ag84y**
Randy Teeter: Young cotton grower finds farming a choice occupation.
Bryant, J. J. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 34-35.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: farmers; career-choice; crop-enterprises; texas

175 **NAL Call No.: SB469.37.S48--1994**
Ready, set, practice : elements of landscape architecture professional practice.
Sharky, B. New York : Wiley, c1994. xii, 263 p. : ill., Includes bibliographical references (p. 251-257) and index.
Descriptors: Landscape-architecture-Vocational-guidance; Landscape-design; North-America

176 **NAL Call No.: HM208.E5**
Reconciling rural communities and resource conservation.
Johnson, K. *Environment* v.35(9): p.16-20, 27-33. (1993 Nov.)
Includes references.
Descriptors: forest-resources; rural-communities; resource-conservation; economic-development; employment-opportunities; forest-management

177 **NAL Call No.: 275.9-N213**
Recruiting and retaining women in agricultural and/or biological engineering.
Nokes, S. E.; Gustatson, R. J. *NACTA-j* v.38(1): p.49-53. (1994 Mar.)
Includes references.
Descriptors: agricultural-engineering; career-choice; women; agricultural-colleges; recruitment; retention; agricultural-education

178 **NAL Call No.: 99.8-F768**
Regaining vitality in the forestry profession: a sociologist's perspective.
Luloff, A. E. *J-for* v.93(11): p.6-9. (1995 Nov.)
Descriptors: forestry; occupations; professional-education; development; change; society; relationships

179 **NAL Call No.: HD1401.J68**
The relative importance of the green industry in the U.S. agricultural economy.
Turner, S. C.; Kriesel, W. *J-agribusiness* v.13(1): p.51-62. (1995 Spring)
In an issue devoted to the green industry in the U.S. agricultural economy.
Descriptors: nurseries; industry; economic-impact; multipliers; input-output-analysis; employment; usa

180 **NAL Call No.: S530.A4**
Relevance of the general education core curriculum to career goals of college of agriculture students.
King, L. O.; Kotrlik, J. W. *J-agric-educ* v.36(3): p.26-33. (1995)
Includes references.
Descriptors: agricultural-education; core-curriculum; college-students; demography; opinions; questionnaires; career-development; agricultural-colleges; louisiana

181 **NAL Call No.: 80-Am371**
Religious discrimination in the workplace.
Snyder, E. K. *Am-nurserym. Chicago : American Nurseryman Pub. Co., 1940-. Dec 1, 1993. v. 178 (11) p. 65-66.*
Descriptors: nurseries; employment-opportunities; religion; discrimination; law; usa

182 **NAL Call No.: SD387.F6S46-1992**

Report of the Seminar : (as approved by the seminar).
Seminar on the Future of the Forestry Workforce (1992 : Corvallis, Or. [Geneva? : Joint Committee on Forest Technology, Management and Training?, 1992] 11 p., Cover title. Committee on Forest Technology, Management, and Training.
Descriptors: Forests-and-forestry-Vocational-guidance-Congresses

183 **NAL Call No.: S494.5.A4B45--1991**
Revision of the applied biological and agribusiness interest inventory.
Bennett, M. B. 1991. 173 leaves : ill., Vita.
Descriptors: Agriculture-Vocational-guidance; Vocational-interests-Testing

184 **NAL Call No.: SB118.5.F64--1990**
Rewarding careers in the nursery industry.
Flemer, W. 1. Chicago, IL : American Nurseryman Pub. Co., c1990. 140 p., Includes bibliographical references (p. 139).
Descriptors: Horticulture-Vocational-guidance; Nurseries-Horticulture-Vocational-guidance; Nurseries-Horticulture-Economic-aspects

185 **NAL Call No.: 49-J82**
The role of mentors for women in animal science: perspectives from government.
Glenn, B. P. *J-anim-sci* v.74(11): p.2855-2859. (1996 Nov.)
Presented at a symposium titled "Trails to Success for Women in Animal and Dairy Sciences: Mentoring as a Stimulus for Success" at the Joint ADSA-ASAS Annu. Mtg., Minneapolis, MN.
Descriptors: women; dairy-science; college-students; government-policy; employment-opportunities; managers; professional-services

Abstract: The purpose of a mentor is to empower individuals to succeed in a professional career in animal science. Effective mentorship programs in animal agriculture will guarantee that more qualified women are retained in our profession, and thereby contribute to workforce diversity. Good mentors are the single most significant contributor to building a successful career. Mentorship programs can be informal or formal. Effective informal mentoring depends on selection of a mentor with a positive attitude that can be a trusted advisor and good listener. The Beltsville Area of USDA, ARS, offers a Mentor Program in which employees voluntarily participate as mentors or proteges. The participants are paired according to individual objectives with the overall goal to enhance their career development. The program has approximately 35% of mentors and 88% of proteges that are women. A key to its success has been improving the supervisor's understanding of mentoring as it relates to employee productivity. There are many other programs within the Equal Employment Opportunity (EEO) Program that affect women in science as government employees, including a special emphasis program called the Federal Women's Program, as well as annual evaluation for performance in Civil Rights, supervisory training, and flexible work schedules. Improving our mentorship of women in animal science will benefit animal agriculture. Behind successful women in animal science there has been encouragement from a network of mentors.

186 **NAL Call No.: Z7994.L3A5**
The role of the home office inspector.
Straughan, D. W. *ATLA,-Altern-lab-anim* v.23(1): p.39-49. (1995 Jan.-1995 Feb.)
Includes references.
Descriptors: animal-welfare; legislation; inspection; animal-experiments; licenses; job-description; occupations; uk

Abstract: The organisation, qualifications and duties of the Home Office Inspectorate under the Animals (Scientific Procedures) Act 1986, and the assessment of project licence applications are reviewed. Project assessment has evolved in the light of practical experience, and as a result of changes in knowledge and policy on "best practice". It seems likely that the philosophy, design and analysis of experiments will improve further as a consequence of changing attitudes and education. The effectiveness of the controls on animal experiments and their assessment are noted. Although the number of animal experiments continues to decline with time, the number of licensees is more stable, and it is suggested that a modest increase in the numbers of Inspectors (from the present 21) would be of value. However, this would probably have to be justified by meaningful performance indicators, if these could be devised.

187 **NAL Call No.: HF5382.5.U5R87--1985**
The Rural work force : non-agricultural occupations in America. Rural workforce.
Bryant, C. D. 1. South Hadley, Mass. : Bergin & Garvey, 1985. viii, 280 p., Includes bibliographies and indexes.
Descriptors: Occupations-United-States; Sociology,-Rural-United-States

188 **NAL Call No.: 1-Ag84y**
A science career, working "the land".
Schon, M. *Yearb-agric. Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., [1980-. 1990. p. 155-158.*
In the series analytic: Americans in agriculture: portraits of diversity / edited by D. Smith.
Descriptors: agricultural-sciences; agricultural-education; florida

189. **NAL Call No.: Videocassette--no.1796**
Science in agriculture : career opportunities : biotechnology in the animal sciences. Biotechnology in the animal sciences.
North Dakota State University. College of Agriculture. Fargo, N.D. : North Dakota State University, College of Agriculture, c1987. 1 videocassette (11 min.) : sd., col..
Descriptors: Animal-biotechnology

Abstract: Discusses new areas of basic research in animal sciences. Topics covered include gene transfer, genetic engineering, animal cell culture, improved efficiency of feed usage, and growth control.

190 **NAL Call No.: 1-Ag84Pro**
A scientific career with the Agricultural Research Service.
Program-aid. Washington, D.C. : U.S. Department of Agriculture, Farmers Home Administration. Aug 1993. (1490) 19 p.
Descriptors: agricultural-research; careers; usda; employment-opportunities

191 **NAL Call No.: SF405.5.A23**
Search for animal alternatives and the role of the information specialist.
Shevell, J. L.; James, M. L. *Contem-top-lab-anim-sci* v.34(3): p.65-68. (1995 May)
Includes references.
Descriptors: animal-testing-alternatives; information-retrieval; occupations; terminology; diffusion-of-information; literature-searches

192. **NAL Call No.: Videocassette--no.2004**
Set your sights : your future in dietetics.
American Dietetic Association. Chicago, Ill. : American Dietetic Association, c1991. 1 videocassette (10 min., 30 sec.) : sd., col..
Descriptors: Dietitians-Vocational-guidance/ audiovisual

Abstract: Discusses career opportunities in the field of dietetics.

193 **NAL Call No.: aHD1751.A42**
Shifts in farm-related employment.
Salsgiver, J.; Majchrowicz, T. A. *Agric-outlook* (183): p.25-28. (1992 Mar.)
Includes references.
Descriptors: off-farm-employment; employment; structural-change; rural-areas

194 **NAL Call No.: aHD1751.A42**
Shifts in farm-related employment continue.
Majchrowicz, A. *Agric-outlook* (227): p.22-24. (1996 Mar.)
Descriptors: employment; economic-situation; economic-growth; usa

195 NAL Call No.: HD6073.A292S775--1991
Socioprofessional situation of women in agriculture. Situacion socioprofesional de la mujer en la agricultura.
Spain. Ministerio de Agricultura, P. y. A. Madrid : Ministerio de Agricultura, Pesca y Alimentacion, 1991- v., Cover title. 1. Recoplacion bibliografica -- 2. La mujer en las estadisticas oficiales -- 3. La mujer en la agricultura Europea -- 4. Analisis juridico de la mujer en la agricultura -- 5. Analisis sociologico de la mujer en la agricultura.
Descriptors: Women-in-agriculture-Spain-Social-conditions; Women-in-agriculture-Europe-Social-conditions; Women-Employment-Spain

196 NAL Call No.: 56.8-J822
The soil and water conservationist of tomorrow.
Fast, S. *J-soil-water-conserv* v.50(4): p.355. (1995 July-1995 Aug.)
Descriptors: natural-resources; resource-conservation; occupations; trends

197 NAL Call No.: 1.98-Ag84
Swinging the door wide open.
Agric-res v.44(9): p.4-5. (1996 Sept.)
Descriptors: agricultural-research; apprenticeship; usda; federal-programs; career-development; work-experience-programs

198 NAL Call No.: S451.P4P45
Take this job and love it.
Wall, J. *PennState-agric* p.30-41. (1995 Spring-1995 Summer)
Descriptors: universities; agricultural-colleges; graduates; agricultural-sciences; careers; learning-experiences; pennsylvania; penn-state-university; alumni-career-descriptions

199 NAL Call No.: HV4701.A35
Teaching animal control officers to break the cycle of violence.
Advocate v.12(2): p.10-11. (1994)
Descriptors: pets; animal-welfare; child-abuse; occupations

200 NAL Call No.: 275.8-Ag8
Tech prep--lessons learned.
Coffey, D. M.; Brannon, T. *Agric-educ-mag* v.66(11): p.21-23. (1994 May)
Descriptors: agricultural-education; vocational-training; career-planning

201 NAL Call No.: 57.8-C734
Training for a career in the compost industry.
Schoonover, J. *Biocycle* v.35(6): p.70-71. (1994 June)
Descriptors: composting; careers; career-development

202 NAL Call No.: RM214.T66
Transferable job skills for current and future employment of food and nutrition alumni: An exploratory study.
Minish, R. M.; Hertzler, A. A.; Frary, R. B. *Topics-clin-nutr* v.8(4): p.83-89. (1993 Sept.)
Includes references.
Descriptors: job-skills; food-service-industry; career-choice; needs-assessment; curriculum; dietitians

Abstract: That was the purpose of this study: to survey the current and anticipated employment of graduates of a food and nutrition department and to ascertain the job skills needed for employment. Against this background, faculty can make appropriate changes in the college curriculum and plan appropriate courses and seminars for practicing professionals.

203 NAL Call No.: 60.18-UN33
Two perspectives on: "help wanted--career opportunities".
Moore, J. F. *USGA-Green-Sect-rec* v.27(3): p.1-4. (1989 May-1989 June)
Descriptors: golf-courses; personnel; hiring; guidelines

204 NAL Call No.: 1-Ag84Ab-no.654
U.S. farm and farm-related employment in 1989 : where are jobs in farming and its related industries most important?.
Majchrowicz, T. A.; Salsgiver, J.; United States. Dept. of Agriculture. Economic Research Service. Washington, DC : U.S. Dept. of Agriculture, Economic Research Service, [1993] 11 p. : ill., maps (some col.), Caption title.
Descriptors: Agricultural-laborers-United-States; Agricultural-industries-United-States; United-States-Economic-conditions-1981

205 NAL Call No.: 1--Ag84Ab-no.686
U.S. farm and farm-related employment in 1990 : a significant source of jobs in many areas.

Salsgiver, J.; Majchrowicz, T. A.; United States. Dept. of Agriculture. Economic Research Service. Washington, DC : U.S. Dept. of Agriculture, Economic Research Service, [1993] 9 p. : ill., 1 map, Caption title.
Descriptors: Agricultural-laborers-United-States; Agricultural-industries-United-States; United-States-Economic-conditions-1981

206 **NAL Call No.: 1--Ag84Ab-no.714**
U.S. farm and farm-related employment in 1991. U.S. farm & farm-related employment, 1991.
Majchrowicz, T. A.; Salsgiver, J.; United States. Dept. of Agriculture. Economic Research Service. Washington, DC : U.S. Dept. of Agriculture, Economic Research Service, [1995] 9 p. : ill., map, Caption title.
Descriptors: Agricultural-laborers-United-States; Agricultural-industries-United-States; United-States-Economic-conditions-1981

207 **NAL Call No.: SB435.5.A645**
Urban forestry: opportunities for arborists.
Harvey, R. *Arbor-Age* v.13(2): p.24-25. (1993 Feb.)
Descriptors: urban-forestry; employment; public-utilities; local-government; environmental-education; marketing; usa

208 **NAL Call No.: 275.8-Ag8**
The urban student challenge.
Gless, R. *Agric-educ-mag* v.65(12): p.13, 21. (1993 June)
Descriptors: agricultural-education; urban-areas; career-development; loans; usa

209 **NAL Call No.: 99.8-F768**
Valuing diversity benefits community forestry.
Cole, P. D. *J-for* v.92(10): p.14-15. (1994 Oct.)
Descriptors: urban-forestry; minorities; careers

210 **NAL Call No.: RC965.A5J68**
Veterinary contributions to agromedicine.
Mercer, H. D. *J-agromed* v.1.(2): p.43-45. (1994)
Includes references.
Descriptors: veterinary-education; agriculture; medicine; career-development; agricultural-medicine

211 **NAL Call No.: 41.8-Am3**
Veterinary issues survey. II. Employment prospects and business needs.
J-Am-Vet-Med-Assoc v.204(6): p.886-887. (1994 Mar.)
Includes references.
Descriptors: veterinarians; employment; veterinary-practice; size; video-recorders; management

212 **NAL Call No.: HF5382.5.U5C337--1991**
VGM's careers encyclopedia. 3rd ed.
VGM Career Horizons (Firm). Lincolnwood, Ill., USA : VGM Career Horizons, 1991. ix, 502 p., Includes index.
Descriptors: Vocational-guidance-United-States; Occupations-United-States

213 **NAL Call No.: 166.2-N47**
Virginia council's scholarships launch Ag careers.
Sullivan, S. K. *Farmer-coop* v.60(10): p.22. (1994 Jan.)
Descriptors: cooperatives; agricultural-education; educational-grants; career-development; virginia

214 **NAL Call No.: 280.8-J822**
Why did the number of young farm entrants decline.
Gale, H. F. *Am-J-Agric-Econ* v.75(1): p.138-146. (1993 Feb.)
Includes references.
Descriptors: farm-entrants; demography; agricultural-structure; age; agricultural-prices; regions; off-farm-employment; employment-opportunities; probabilistic-models; usa

Abstract: The influence of demographic and economic factors on the number of young farm entrants is investigated. After controlling for the demographic effect, it is found that higher commodity prices, lower real interest rates, and lower land values are associated with greater entry. Regional effects suggest lower entry in states with better nonfarm opportunities. Demographic factors suggest that the shrinking pool of potential entrants will lead to further decline in farm entry. The decline in farm entry has important implications for the future structure of farming in the United States.

215. **NAL Call No.: Videocassette--no.2460**
WIC nutritionists : making a difference.
Marris, L. B., Weiss, L. & Texas. Bureau of WIC Nutrition. [Austin, TX] : Texas Department of Health, Bureau of Nutrition, c1995. 1 videocassette (7 min.) : sd., col. 1 pamphlet..

Funded by the U.S. Dept. of Agriculture, Food and Consumer Service.
Descriptors: Nutritionists-Vocational-guidance/ Dietitians-Vocational-guidance

Abstract: Messages from several nutritionists educate viewers about WIC's strong nutrition education emphasis and encourage them to choose careers in WIC.

216 **NAL Call No.: 99.8-F768**
Women forest rangers: revisiting Kaufman's The Forest Ranger.
Carroll, F. O.; Freemuth, J.; Alm, L. *J-for* v.94(1): p.38-41. (1996 Jan.)
Includes references.
Descriptors: forestry; occupations; women; usda; usa; usda-forest-service

217 **NAL Call No.: 41.8-V641**
Women in the veterinary profession.
Aitken, M. M. *Vet-rec* v.134(21): p.546-551. (1994 May)
Includes references.
Descriptors: veterinarians; veterinary-profession; women; veterinary-history; age-differences; sex-differences; employment; uk

218. **NAL Call No.: Videocassette-no.1595**
Zoo careers : a look behind the scenes at a modern zoo. Zoo careers video curriculum.
Metro Washington Park Zoo. Education Division.
Portland, Or. : The Division, c1990. 1 videocassette (30 min.) : sd., col..
Title on spine of container: Zoo careers video curriculum.
Descriptors: Metro-Washington-Park-Zoo/ Zoos-Employees/ Zoology-Vocational-guidance

Abstract: Using the Metro Washington Park Zoo as a model, describes the duties of and necessary skills and education for various jobs in a zoo.

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